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	OUTF
	980698799

					EPA I.U.	NOMBER LA	EPA I.D. NUMBER LAD980698799						OUTFALL NUMBER		023
	2 a.	2 b.	2 c.				3. EFFLUENT				4.1	4. UNITS	6. 19	6. INTAKE (OPTIONAL)	
1. POLLUTANT AND CAS NUMBER	REQUIRED	BELIEVED	BELIEVED	a.MAXIMUM (1) CONC.	DAILY VALUE (2) MASS	(1) CONC.	30 DAY VALUE (2) MASS	(1) CONC.	(1) CONC. (2) MASS	d. NO. OF ANALYSES	conc.	b. MASS	a. LONG TERM (1) CONC.	a. LONG TERM AVERAGE VALUE (1) CONC. (2) MASS	b. NO. OF
20B. 1,2-Dichlorobenzene (95-50-1)			×	NA	NA	A	A	¥			¥	AN N	AN		
21B. 1,3-Dichlorobenzene (541-73-1)			×	AN	NA	NA	AN	A			A		N	*	AN
22B. 1,4-Dichlorobenzene (106-46-7)			×	AN	NA	¥	¥	AN	N N	¥.	¥	¥	AN AN	Ž	N
23B, 3,3-Dichlorobenzidine (91-94-1)			×	AN	NA	¥.	Ą	AN AN		A	X		AN		
24B. Diethyl Phthalate (84-66-2)			×	AN	NA	NA	AN	Y.		N N	AN	AN	AN		
25B. Dimethyl Phthalate (131-11-3)			×	NA	NA	A	A	N			A		AN		
26B. Di-n-Butyl Phthalate (84-74-2)			×	AN	AN	A	¥ Z	AN.			¥		W		
27B. 2,4-Dinitrotoluene (121-14-2)			×	NA	NA	Y.	¥.	¥.			¥		AM		
28B. 2,6-Dinitrotoluene (606-20-2)			×	NA	AN	Y.	AN	NA			AX		AN		
29B. Di-n-Octyl Phthalate (117-84-0)			×	AN	AN	Y.	¥.				mg/L		AN N	Ž	
30B. 1,2-Diphenyihydrazine (122-66-7)			×	NA	AN	AN	NA				mg/L		AN.		
31B. Fluoranthene (206-44-0)			×	AN	NA	NA	AN	¥			ma/L		AN A		
32B. Fluorene (86-73-7)			×	NA	NA	A	AN				mg/L		Ž		
33B. Hexachlorobenzene (118-74-1)			×	AN	NA	NA	AN				mg/L		Ž		
34B. Hexachlorobutadiene (87-68-3)			×	¥Z	AN	A	A	AN			mg/L		NA		
35B. Hexachlorocyclopentadiene (77-47-4)			×	N.	NA	N	AN	¥			mg/L		W		
36B. Hexachloroethane (67-72-1)			×	AN AN	AA	Y.	¥.	AN			Mg/L	Y.	AN	NA	Ž
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			×	AN A	NA	N.	AN				mg/L		NA		Ž
38B. Isophorone (78-59-1)			×	AN	NA	¥	AN	AN			mg/L		AN		Z
39B. Naphthalene (91-20-3)			×	AN	NA	Y.	AN	AN AN	NA	AN	mg/L	ž	AM	AN	N
40B. Nitrobenzene (98-95-3)			×	AN	NA	NA	AN	AN		N.	mg/L	Y.	AM	¥V.	
41B. N-Nitrosodimethylamine (62-75-9)			×	¥	AN	¥ Z	AN	AN N			mg/L	NA	NA	¥	
42B. N-Nitrosodi-n-Propylamine (621-54-7)			×	AN	NA	Y.	NA	¥			mg/L	ž	AM	NA	
43B. N-Nitrosodiphenylamine (86-30-6)			×	¥Z	AA	Y.	AN	AN	AN	AN	₩,	¥	AM	¥Z.	NA
44B. Phenanthrene (85-01-8)			×	Y Y	NA	Ž	Y.	Ą	AN A	AN	mg/L	¥	¥N.	¥Z.	Ž
45B. Pyrene (129-00-0)			×	AN	NA	¥	¥	¥.	NA	NA	mg/L	¥	AN	¥	Ž
46B. 1,2,4-Trichlorobenzene (120-82-1)			×	¥ Z	N.	N.	Y.	AN	AN	NA	mg/L	Ž	AM		N.
Part C-Pesticides															
1P, Aldrin (309-00-2)			×	AN A	NA	¥.	Y.	AN	NA	NA	N.	¥.	AN	¥	A
2P. alpha-BHC (319-84-6)			×	Y.	AN	ž	Y.	AN	AN	AN	AN	¥	AN	¥Z.	N.
3P. beta-BHC (319-85-7)			×	¥	A	¥	AN	¥.	¥	A	¥	Ą	N	NA.	N
4P. gamma-BHC (58-89-9)			×	Y.	AN	¥	Y.	AN	AN	AN	A	AN	Y.	AN	¥
5P. delta-BHC (319-86-8)			×	¥	AN	¥	A	NA	AN	A	¥	¥	AN	¥	2
6P. Chlordane (57-74-9)			×	AA	AN	Y.	ž	W	AN	AN	¥	¥	NA	AN	N.
7P. 4,4-DDT (50-29-3)			×	A	AA	¥	A	MA	AN	AA	¥	¥.	AN AN	¥	N.
8P. 4,4-DDE (72-55-9)			×	Ä	AN	¥	A	MA	W	AA	¥	¥	¥	Y.	Ž
9P. 4,4-DDD (72-54-8)			×	¥Z	AN	ž	N.	NA	¥.	¥	¥	¥	AN	Y.	Ž
10P, Dieldrin (60-57-1)			×	¥	AN	ž	A.	AN	¥	AN	¥	¥	¥	AM	2
11P. aipha-Endosulfan (115-29-7)			×	NA	AN	×	A	AN	AN	¥	A	¥	A	Y.	Ž
12P, beta-Endosulfan (115-29-7)			×	A.	A	ž	A	W	NA.	¥	¥	¥	NA	NA.	Ž
			>	414	***	-			***						



					EPA I.D.	NUMBER LA	EPA I.D. NUMBER LAD980698799	Г				٢	OUTFALL NUMBER		023
	2 a.	2 b.	2 c.				3. EFFLUENT				4. UNITS	ITS	6. IN	6. INTAKE (OPTIONAL)	
=======================================	TESTING	BELIEVED	BELIEVED	a.MAXIMUM	NUM DAILY VALUE	b.MAXIMUM	b.MAXIMUM 30 DAY VALUE	C.LONG TERM AVERAGE	M AVERAGE	d. NO. OF	ej	þ.	a. LONG TERM AVERAGE VALUE	VERAGE VALUE	b. NO. OF
RE	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(2) MASS	ANALYSES
			×	N.	¥	AN	A	AN	¥	¥	¥	ž	Y.	AN	NA
			×	NA	AN	AN	AN	W	¥	¥	¥	ž	¥	AN	¥
			×	NA	¥ Z	AN N	Y X	¥ Z	Y X	¥	ž	¥	¥	¥	¥
			×	N.	A N	AA	¥ Z	¥	Y.	¥.	ž	ž	¥	AN	¥
			×	A	A N	A.	Y Z	¥	¥	¥Z	ž	×	¥	NA	¥
			×	A	A	NA	AN	AN	AN N	AN	ž	¥.	AN	NA	¥
			×	AN	AN	AN	Y Z	AN	¥	¥Z	ž	ž	AA	NA	A
			×	NA	NA	AN	Y.	AN	¥Z	¥	ž	ž	A	AN	N.
			×	A	AN	NA	¥	Y.	Ž	Y.	Ž	¥	Y.	NA.	N.
			×	N.	Y.	AN	¥	¥.	AN AN	Ž	¥.	ž	Y.	AN	¥
			×	A	A	NA	ď Z	AN	¥	A	¥	¥	Y X	Y.	¥
			×	AN	AN	N N	¥Z	¥.	ž	ž	ž	ž	¥	AN	×

17P, Heptachlor Epoxide (1024-57-3)

18P. PCB-1242 (53469-21-9) 19P. PCB-1254 (11097-69-1) 20P. PCB-1221 (11104-28-2) 21P. PCB-1232 (11141-16-5) 22P. PCB-1248 (12672-29-6)

15P. Endrin Aldehyde (7421-93-4)

14P. Endrin (72-20-8)

16P. Heptachlor (76-44-8)

1. POLLUTANT AND CAS NUMBER

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NA Ibs/day

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NOTES:

24P, PCB-1016 (12674-11-2) 23P. PCB-1260 (11096-82-5)

25P. Toxaphene (8001-35-2)

Other Parameters Chromium VI NA = Testing not required; not applicable.

Historical analytical data is from January 1, 2011 through December 31, 2012. In addition, sampling event was conducted on January 17, 2013.

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V. INTAKE AND EFFLUENT CHARACTERISTICS (Continued From Page 3 of Form 2C)

OUTFALL NUMBER

Part A -													
					2. EFFLUENT				3. UNITS		4.1	4. INTAKE (OPTIONAL)	100
1. POLLUTANT		(1) CONC.	a. MAXIMUM DAILY VALUE	(1) CONC.	1) CONC. (2) MASS	(1) CONC.	CONC. (2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	1) CONC. (2) MASS	ANALYSES
a. Blochemical Oxygen Demand (BOD)		14.0		14.0	0.01	8.5	0.01	4	mgA	lbs/day	¥.	AN	NA
b. Chemical Oxygen Demand (COD)	8	NA	AN	NA	Ž	¥Z	Ž	¥.	¥	A	¥	AN	AN
c. Total Organic Carbon (TOC)		AN		NA	ž	ž	ž	¥	¥	¥	¥	AN	NA
d. Total Suspended Solids (TSS)		25.0	0	25.0	0.02	11.3	0.01	4	MgA	lbs/day	AN N	AN	A
e. Ammonia (as N)		59.4		NA	¥	¥	Ž	-	Mg/L	lbs/day	¥	AN	¥.
f. Flow		VALUE	0	VALUE	0.0001	VALUE	0.0001	4	MGD	A	¥	AN	AN
g. Temperature (summer)		VALUE	AN	VALUE	¥Z	VALUE	ž	¥	¥	ž	¥Z	AN	A
h. Temperature (winter)		VALUE	9.6		AN	VALUE	AN	-	ů	Y.	¥	AN	AN
-		MINIMUM	MAXIMUM					•	i	d Z	42	2	¥ Z
To and		0.0							6				
	2a. 2b.				3. EFFLUENT				4. UNITS	TS	6.1	5. INTAKE (OPTIONAL)	
1. POLLUTANT BE	ED BE	a. MAXIMUI	a. MAXIMUM DAILY VALUE	b. MAXIMUM	30	c. LONG TE	c. LONG TERM AVERAGE	d. NO. OF	d	ė	a. LONG TERM	a. LONG TERM AVERAGE VALUE	B. NO. OF
	PRESENT ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(Z) MASS	ANALYSES
		NA		AN	¥Z	¥	¥	Y.	¥	¥	¥ Z	AN N	¥
b. Chlorine, Total Residual	×	NA	AN	NA	AN	Y.	¥	¥	A	Y.	Y.	AN	A
c. Color (True/Apparent)	×	AN		NA	AN	NA	AN	N N	¥	¥	AN N	AN	NA
d. Fecal Coliform	×	2.0			A Z	<2.0	Y Y	4	col/100	Y.	Y.	Y.	¥.
	×	NA		NA	AN	NA	AN	AN AN	¥.	A	AN	AN	NA
f. Nitrate-Nitrite (as N)	×	AN				ď Z	AN N	¥	AN	AN	¥	AN.	AN
g. Nitrogen, Total Organic (as N)	×	NA		AN NA	¥V.	¥ Z	¥	A	A	NA	Y.	AN	NA
h. Oll & Grease	×	<5.0	<0.004	AZ Z	¥Z	ď Z	A	-	mg/L	lbs/day	Y.	AN	A N
l. Phosphorus (as P), Total (7723-14-0)	×	AN		AN		AN N	AN	¥	A	AN	N	AN	¥
I. Radioactivity-(1) alpha, Total	×	NA				AN	AN N	AN	¥	¥	A	AN	AN
l. Radioactivity-(2) beta, Total	×	AN		AN	AN N	Y Y	AN	W	A	Y.	AN	AN	NA
I. Radioactivity-(3) Radium, Total	×	AN				N	¥.	¥	A	A	¥Z	AN	N N
j. Radioactivity-(4) Radium 226, Total	×	AN		AN		¥	AN	A	A	AN	AN N	AN	AN
k. Sulfate (as SO ₄) (14808-79-8)	×	AN	NA	NA	AN	NA	AN	¥	A	¥	AN	NA	NA
I. Sulfide (as S)	×	AN		NA	A N	AN A	AN	NA	A	Y.	AN	NA	Y.
m. Sulfite (as SO ₃) (14265-45-3)	×	NA		AN	AN	NA	¥	¥	A	A N	A N	AN	AN
n. Surfactants	×	AN	AN	NA	A N	NA NA	AN	NA	A	¥	AN	NA	NA
o. Aluminum, Total (7429-90-5)	×	NA		AN	ď.	A N	A	¥	A	¥	¥Z	AN	A
	×	AN		NA	A N	AN	AN	A	AN	¥.	A	AN	NA
a. Boron.Total (7440-42-8)	×	AN		NA	NA	NA	AN	¥	¥	¥	¥Z	AN	A
r. Cobalt, Total (7440-48-4)	×	NA				Y.	¥.	A	AN	AN	A	AN	AN
s. Iron. Total (7439-89-6)	×	NA		AN	AN	AN	AN.	ž	A	Y.	¥ X	AN	NA
t. Magnesium, Total (7439-95-4)	×	NA		AN N	A Z	A N	A	A	NA	¥	A	AN	NA
u. Molybdenum,Total (7439-98-7)	×	NA		AN	AN	NA	AN	A	AN	A	NA	AN	A
v. Manganese, Total (7439-96-5)	×	A Z	AN A	AZ.	A	AN N	AN N	¥.	AN	¥.	NA	AN	A N
w. Tin, Total (7440-31-5)	×	AN			AN	AN	AN N	NA A	¥	¥	AN	AM	A N
x. Tlanium, Totai (7440-32-6)	×	AN		AN	NA	AN	AA	NA	¥	ž	AN.	AN	A

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OUTFALL NUMBER

		40					2 CEEL HENT				A LIMITS	1.0	A IN	R INTAKE IODTIONAL!	
1. POLLUTANT	TESTING	BELIEVED	BELIEVED	a.MAXIMUM	A.MAXIMUM DAILY VALUE	b.MAXIMUM	30 DAY VALUE	C.LONG TERM AVERAGE	M AVERAGE	d. NO. OF	ě	á	a. LONG TERM AVERAGE VALUE	VERAGE VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(2) MASS	ANALYSES
Part C-Metals, Cyanide, and Total Phenois												-			
1M. Antimony, Total (7440-36-0)			×	¥	AN	A	A	NA	N.	N.	¥	¥	Y.	NA	Y.
2M. Arsenic, Total (7440-38-2)			×	AN	AN	AN	A	A	¥.	A	¥	ž	NA.	AN	¥
3M. Beryllium, Total (7440-41-7)			×	AN	AN	NA	AN	NA	AN	NA	¥.	Y.	NA	N	NA.
4M. Cadmium, Total (7440-43-9)			×	¥	A		AN	AN	¥	NA	ž	ž	A	NA.	¥
5M. Chromium, Total (7440-47-3)			×	AN	AN	AN	AN	AN	AN	AN	Y.	V.	¥.	AN	¥
6M. Copper, Total (7440-50-8)			×	¥ Z			AN	MA	AN	AA	ž	¥	¥	Y.	¥
7M. Lead, Total (7439-92-1)			×	¥ Z	Y.		AN	AN	AN	AN	¥.	ž	¥	A	×
			×	¥			AN		AN AN		Ž	¥	¥	Y.	
9M. Nickel, Total (7440-02-0)			×	¥ Z		A	NA	AN	¥.	AA	Y.	¥	¥	Y.	AN
- V			×	A A		AN	AN	AN	¥.	AN	ž	¥	AN	AN	NA NA
11M. Silver, Total (7440-22-4)			×	AN		¥.	AN	NA	N.	AA	Y.	ž	A	¥	Ä
12M. Thailium, Total (7440-28-0)			×	¥ Z			AX			AX.	Y Z	ž	Y.	AN	
13M. Zinc, Total (7440-66-6)			×	A N			AX		A	N.	×	¥	NA	Ā	
			×	¥.			AX				Ž	ž	A	AN	NA NA
15M. Phenois. Total			×	¥			¥X				N	AN	NA	W	
Dioxin															
2.3.7.8-Tetrachiorodibenzo-P-Dioxin(1784-01-6)			×	AN	NA	NA	NA	NA	AN	NA	V	¥.	NA	NA	AN
Part C-Volatile Compounds															
1V. Acrolein (107-02-8)			×	AN	AN	AN	NA N	AN	N	¥.	¥	¥	NA.	AN	NA
2V. Acrylonitrile (107-13-1)			×	AN	W	A	AN	AN	AN	NA.	W	¥	¥.	Y.	A
3V. Benzene (71-43-2)			×	AN	AN	¥	AN	NA	AN	AN	ž	ž	Y.	M	¥
4V. Bis (Chloromethyl) Ether(542-88-1)			×	AN	AN	Y.	AN AN	¥	¥	¥	ž	ž	¥.	¥.	¥
5V. Bromoform (75-25-2)			×	¥	AN.	AN	AN	Y.	¥.	A	ž	ž	¥.	AM	A
6V. Carbon Tetrachloride (56-23-5)			×	AN	A.	¥	NA	¥	AN	A	¥	ž	Y.	AN	AN A
			×	AN		¥	AN	AN	AN	AN	AN	¥	¥	NA.	¥
8V. Chlorodibromomethane (124-48-1)			×	¥	AN	¥.	AN AN	¥	¥	A	ž	ž	W	AN	NA NA
9V. Chloroethane (75-00-3)			×	AN	AN	¥	AN	AN.	Y.	AN	ž	ž	N	NA	¥
10V. 2-Chloroethylvinyl Ether(110-75-8)			×	NA	AA	AN	AN	NA	NA	NA	ž	¥	N	NA	¥.
11V. Chloroform (67-86-3)			×	AN	A	A	NA	AN	AN	NA	¥	¥	NA.	AN	¥
12V. Dichlorobromomethane (75-27-4)			×	AN	AN	¥.	AN	AN	A	AN	¥	¥	Y.	AM	¥.
13V. Dichlorodifluoromethane (75-71-8)			×	AA	NA	N.	A	A	AN	N.	¥	ž	N	NA.	¥
14V. 1,1-Dichloroethane (75-34-3)			×	AN	¥.	N.	Y.	¥	N.	AN	ž	ž	¥	AN	¥
15V. 1,2-Dichloroethane (107-06-2)			×	AN	AN	¥	AN	AN	AN	¥	NA.	Ą	N.	AN	AN
1176			×	AA		AN	AX	AN	NA.	NA	¥	¥.	Y.	¥.	¥
17V. 1,2-Dichloropropane (78-87-5)			×	AA	NA	A	NA	¥	AN	¥	ž	¥	¥	NA.	AA
18V. 1,3-Dichloropropylene (542-75-6)			×	AN	NA	¥.	AN	AN	A	NA	¥	A	AN	AN	W
19V. Ethylbenzene (100-41-4)			×	AN			AN.	Ą	N.	N.	ž	¥	A	AN	¥
20V. Methyl Bromide (74-83-9)			×	AA	¥	AN.	NA	AN	NA	NA	ž	¥	N	W	A
21V. Methyl Chloride (74-87-3)			×	¥	Y.	ž	NA	¥	A	A	ž	ž	NA	MA	NA
22V. Methylene Chloride (75-09-2)			×	¥	AN	Ā	A	¥	N.	NA.	¥	ž	¥	¥	¥

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					2.0.1	ELA I.D. NUMBER LADSougsors	200000000					I	OUTPALL NUMBER		670
	2 a.	2 b.	2 c.		- 1		3. EFFLUENT				4. UNITS	TS	8. IN	6. INTAKE (OPTIONAL)	
1. POLLUTANT AND CAS NUMBER	REQUIRED	BELIEVED	BELIEVED	a.MAXIMUM (1) CONC.	(2) MASS	b.MAXIMUM (1) CONC.	30 DAY VALUE (2) MASS	(1) CONC. (2) MASS	M AVERAGE (2) MASS	d. NO. OF ANALYSES	CONC.	b. MASS	a. LONG TERM A	a. LONG TERM AVERAGE VALUE (1) CONC. (2) MASS	ANALYSES
23V, 1,1,2,2-Tetrachioroethane (79-34-5)			×	NA	NA	NA	NA			-	¥	¥	NA	AN	
24V. Tetrachloroethylene (127-18-4)			×	AN	A	¥	A			¥	ž	¥	¥Z	AN	
25V. Toluene (108-88-3)			×	NA.	AN	¥	AN.			NA.	¥	¥	¥	AN	
26V. 1,2-Trans-Dichloroethylene (156-60-5)			×	NA	NA	¥ X	A	AN.	¥	¥	¥	¥	AA	AN	
27V. 1,1,1-Trichloroethane (71-55-6)			×	A	NA	AN	AN	AN	¥	Y.	ž	ž	¥	NA	
28V. 1,1,2-Trichloroethane (79-00-5)			×	NA	A	AN	A	AN	¥	¥	ž	¥.	NA.	N.	
29V. Trichloroethylene (79-01-6)			×	AN	A	AN	¥	AN	ž	¥	ž	¥	A	AN	
30V. Trichlorofluoromethane (75-89-4)			×	AA	AN	Y.	Y.	¥	¥	¥	¥	¥	¥	AN	
31V. Vinyl Chloride (75-01-4)			×	NA	N.	AN	AN AN	AN	¥.	¥	ž	ž	Y.	AN	
Part C-Acid Compounds															
1A. 2-Chlorophenol (95-57-8)			×	¥.	AN	AN	A.	¥	¥	¥	¥	¥	¥	Y.	
2A. 2,4-Dichlorophenol (120-83-2)			×	AN	AN	¥	¥.	AN	NA A	W	ž	¥	AN	AN	
3A. 2,4-Dimethylphenol (105-67-9)			×	A	Y.	¥	Y.			N	¥	ž	Y.	AN	
4A. 4,6-Dinitro-o-Cresol (534-52-1)			×	AN	AN	AN	AN	AN	A	Ä	ž	¥	A	AN	
5A. 2,4-Dinitrophenol (51-28-5)			×	AA	AN	NA NA	AN	Y Y	Y.	Ą	¥	Y.	Y.	AN	
6A. 2-Nitrophenol (88-75-5)			×	AX.	¥.	AN	AN AN			N	¥	ž	NA.	AN	
7A. 4-Nitrophenol (100-02-7)			×	AA	AN	AN	AN	AN	ž	¥	¥.	Ä	Y.	AN	
8A. p-Chloro-m-Cresol (59-50-7)			×	A.	AN	AN	A.	AN		NA.	ž	¥	Y.	AN	
9A. Pentachlorophenol (87-86-5)			×	AN	NA	AN	A	A	¥.	Ā	¥	¥	NA	AN	
10A. Phenol (108-95-2)			×	A.	A	AN	AN	AN	Y.	¥	ž	ž	¥	AN	
11A, 2,4,6-Trichlorophenol (88-06-2)			×	AN	A	NA	AN	AN	¥	A.	A	ž	NA.	AN	
Part C-Base/Neutral Compounds															
1B. Acenaphthene (83-32-9)			×	A	NA	NA	¥	NA.	¥	A	ž	ž	¥	AN	
2B. Acenaphthylene (208-96-8)			×	A	A.	¥	¥	AN	A	Y.	ž	ž	¥	AN	
3B. Anthracene (120-12-7)			×	NA	NA	NA	AA	¥	¥	¥	¥	ž	NA	AN	
4B. Benzidine (92-87-5)			×	AN	NA	¥	AN	¥	¥.	¥	ž	ž	N	AN	
5B. Benzo (a) Anthracene (56-55-3)			×	A	A	¥	¥	¥	¥	¥	¥	ž	NA	NA	
6B. Benzo (a) Pyrene (50-32-8)			×	A	AN.	AN	A.	AN	¥	Y.	ž	¥	Y.	AN	
7B. 3,4-Benzofluoranthene (205-99-2)			×	NA	A	AN	AN	¥	¥	¥	ž	ž	¥N.	NA	
8B. Benzo (g,h,l) Perylene (191-24-2)			×	A	AN	N.	Y.	¥	¥	¥	ž	ž	¥.	NA	
9B. Benzo (k) Fluoranthene (207-08-9)			×	AN	AN AN	¥	Y.	Ā	ž	ž	ž	ž	Y.	Y.	
10B. Bis(2-Chloroethoxy)Methane(111-91-1)			×	NA	AN.	AN	A	¥	¥	¥	ž	ž	NA.	AN	
11B. Bis (2-Chloroethyl) Ether (111-44-4)			×	AN	A.	¥	AN	¥	¥	¥	ž	ž	NA NA	AN	
12B. Bis (2-Chlorisopropyl) Ether (102-60-1)			×	AN	A	¥	AN	¥.	¥	¥	ž	ž	NA.	NA	
13B. Bis (2-Ethylhexyl) Phthaiate (117-81-7)			×	Ą	AN	AN	AA	¥	¥	¥	ž	NA NA	ž	AN	
14B. 4-Bromophenyl Phenyl Ether (101-55-3)			×	AN	¥	¥	WA	ž	ž	¥	ž	ž	ž	NA	
15B. Butyl Benzyl Phthalate (85-68-7)			×	A	A	Ä	A	ž	¥	¥	ž	¥	ž	NA.	¥
16B. 2-Chloronaphthalene (91-58-7)			×	A	A	AA	A	Ž	¥	¥	ž	ž	Ž	NA.	
17B. 4-Chlorophenyl Phenyl Ether(7005-72-3)			×	NA	A	NA	NA	¥	¥	A	¥	ž	AN.	AN	
18B. Chrysene (218-01-9)			×	¥	A	N	N.	2	¥	¥	ž	ž	Y.	¥	N.
19B. Dibenzo (a.h) Anthracene (53-70-3)			×	AN	¥	A	AN	¥	A	¥	ž	¥	2	AN	

						200000000000000000000000000000000000000						
2 8.	_	2 c.				3. EFFLUENT				4.0	4. UNITS	6. INTAK
REQUIRED	PRESENT	BELIEVED	a.MAXIMUM (1) CONC.	(1) CONC. (2) MASS	(1) CONC.	(1) CONC. (2) MASS	(1) CONC. (2) MASS	(2) MASS	d. NO. OF ANALYSES	CONC.	b. MASS	a. LONG TERM AVER
		×	¥ X	NA	¥	M	¥	AN	Ā	AA	¥	¥
		×	¥ Z	Z	¥ X	Y.	Ž	A N	Y.	AN	¥	¥
		×	N.	N.	NA NA	N	Ä	NA	¥	NA	A	¥
		×	¥ X	AN	AN	AN	¥.	AN	A	AN	¥	Y.
		×	A	NA	AN AN	NA NA	¥	NA	Y.	NA	¥	¥.
		×	A	Y.	AN	AN	¥.	NA	¥	N.	AN	¥
		×	A	N.	AN A	¥	Ž	NA	¥	AN	¥	Y.
		×	N	NA.	NA	AN	A	NA	¥	¥	ž	NA.
		×	¥	NA	AA	AN	¥	AA	AN	AN	Ä	ž
		×	N	N.	NA	¥	¥	NA	ž	mg/L	N.	¥
		×	NA	NA	AA	¥.	¥	AM	¥	mg/L	NA	ž
		×	NA	A	A	AN	AN	NA	¥	mg/L	NA	ž
		×	NA	Y.	AA	A	¥	NA	¥	mg/L	Y.	NA NA
		×	N.	¥	NA	AN	¥ Z	NA	ž	mg/L	X	NA
		×	NA	A	AA	AN	¥.	NA	¥	MgA	NA	¥
		×	NA	¥.	NA	AN	¥ Z	NA	¥	mg/L	Z	AA
		×	NA	A	NA	NA	AN	NA	A	mg/L	K	AA
		×	Ž	¥.	NA	AN	¥ Z	NA	Y Y	mg/L	NA	¥.
		×	¥	Ä	NA	AA	¥N.	NA	¥	mg/L	NA	¥
		×	Y Y	¥	NA	AN	¥	AA	¥	mg/L	¥	NA
		×	A	¥	AN	¥	¥.	AN	¥	mg/L	A	A
		×	N.	A	NA	AA	A	NA	Ä	mg/L	N.	¥
		×	Y Y	¥	Ä	AN	¥.	NA	¥	mg/L	Ä	¥
		×	N	¥.	NA	NA	AN	NA	Y Y	mg/L	AN	¥
		×	N.	Y Y	AN	A N	¥ N	NA	Y Y	mg/L	Ä	Š
		×	NA	NA	AN	A	AN	AA	¥	mg/L.	¥	ž
		×	¥.	¥	¥	AA	¥.	NA	Y.	mg/L	X	ž
		×	ž	¥.	NA	AN	¥	NA	¥	A	AN	¥
		×	¥	¥.	NA	NA	AN	A	¥	NA NA	X	¥
		×	ž	AN	NA	NA	¥	NA	¥	NA		¥.
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		×	¥	¥	NA	NA	¥	A	¥	¥		¥
		×	N.	N N	AN		¥	¥		Ä	¥	N.

	-														
1. POLLUTANT	2 a. TESTING	2 b. BELIEVED	2 c. BELIEVED	a.MAXIMUM	DAILY VALUE	b.MAXIMUM	3. EFFLUENT 30 DAY VALUE	C.LONG TERM AVERAGE	M AVERAGE	d. NO. OF	a. a.	o P.	a. LONG TERM /	a. LONG TERM AVERAGE VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	+	ABSENT		(2) MASS		(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(2) MASS	ANALYSES
20B. 1,2-Dichlorobenzene (95-50-1)			×	¥	A	A	AN	¥	A	¥	¥	ž	¥	AN	NA
21B. 1,3-Dichlorobenzene (541-73-1)			×	¥.	¥.	Y Y	AN	¥	NA	A	¥	¥	NA	Y	Y.
22B. 1,4-Dichlorobenzene (106-46-7)			×	¥	A	NA	NA	A	NA	N.	¥	¥	N.	Y	NA
23B, 3,3-Dichlorobenzidine (91-94-1)			×	¥	AA	A	AN	¥	AN	AN	¥	¥	Y.	AN	AN A
24B. Diethyl Phthalate (84-86-2)			×	¥	A	AN	AA	¥	A	AN	¥	¥	AN	AN	AN
25B. Dimethyl Phthalate (131-11-3)			×	¥.	Y.	¥	NA	AN	A	A	¥	ž	NA.	¥N.	A
26B. Dl-n-Butyl Phthalate (84-74-2)			×	¥	NA	AN	AA	¥	A	AN	Ä	¥	AN	Y.	¥
27B. 2,4-Dinitrotoluene (121-14-2)			×	NA A	Y.	NA	NA		NA	A		¥	Ä		¥
28B. 2,6-Dinitrotoluene (806-20-2)			×	Ž	¥	Y.	AA			¥.		ž	AN		¥Z
29B. Di-n-Octyl Phthalate (117-84-0)			×	¥.	NA.	N	A	¥.		A	mg/L	N N	¥		¥
			×	NA A	NA	AN	NA	¥	NA	AN	mg/L	Ä	¥	AN	NA.
31B. Fluoranthene (206-44-0)			×	N N	A	Ä	NA			¥	mg/L	N.	AN		¥Z
32B. Fluorene (86-73-7)			×	AN	Y.	¥.	AA			Y.	mg/L	ž	AN		NA
33B. Hexachlorobenzene (118-74-1)			×	N.	¥	¥	AN			X	mg/L	ž	NA		¥
34B, Hexachlorobutadiene (87-68-3)			×	NA	A	A	AN			X	Mg/L	Z	NA		AN
35B. Hexachlorocyclopentadiene (77-47-4)			×	N.	¥	¥				X	mg/L	Z	AN		Y.
36B. Hexachloroethane (67-72-1)			×	N.	¥	Y.	NA			A		¥	AN		¥
37B. Indeno (1,2,3-cd) Pyrene (193-39-5)			×	Ž	¥.	A N				AN	mg/L	Z Z	AN		Ž
38B. Isophorone (78-59-1)			×	¥	¥	¥.				Y.		× ×	Ā		Ž
39B. Naphthalene (91-20-3)			×	¥.	Ä	AN		¥.		A	mg/L	¥	AN		Y.
40B. Nitrobenzene (98-95-3)			×	NA	A	AN A		AN		AN	mg/L	¥	AN		¥
41B. N-Nitrosodimethylamine (62-75-9)			×	Y.	A	AN		AN		AN		¥	AN		¥
42B. N-Nitrosodi-n-Propylamine (621-64-7)			×	¥	¥	¥	AN	¥		AN	Mg/L	¥	NA		¥
43B. N-Nitrosodiphenylamine (86-30-6)			×	NA NA	¥	A	A	AN	NA	NA	mg/L	¥	NA.		A
44B. Phenanthrene (85-01-8)			×	¥.	¥	Y Y	A.	¥	NA.	Y.	Mg/L	¥	NA A	V.	¥
45B. Pyrene (129-00-0)			×	NA A	AN	¥	AN.	¥		¥	Mark	¥	AN		N.
46B. 1,2,4-Trichlorobenzene (120-82-1)			×	¥.	¥	¥		N.		N	Mg/L	¥	NA		NA
Part C-Pesticides															
1P. Aldrin (309-00-2)			×	¥	AN	AN	W	¥.		NA.	¥	¥	NA	Y.	AN
2P. alpha-BHC (319-84-6)			×	¥	AN	AN	NA	AN		NA	NA NA	Ä	NA	AN	A
3P. beta-BHC (319-85-7)			×	¥	AN	¥.	NA	AN	NA	A	NA	¥	NA	YN.	A
4P. gamma-BHC (58-89-9)			×	AN.	¥.	¥	AN	AN.	NA	AN	Y.	ž	NA	V.	¥
5P. delta-BHC (319-86-8)			×	¥	¥	¥	A	¥	¥	¥	¥	¥	NA	YN.	¥
6P. Chlordane (57-74-9)			×	¥.	¥.	Y.	AN	¥	¥	N.	¥	ž	NA NA	AN	¥
7P. 4,4-DDT (50-29-3)			×	¥	¥	¥	AN	¥	¥	AN	¥	¥	NA.	AN	¥
8P. 4,4-DDE (72-55-9)			×	¥.	¥.	¥	NA	N N	A	¥	¥	ž	NA	NA	¥
9P. 4,4-DDD (72-54-8)			×	ž	¥	¥	NA.	¥	A	¥	NA.	¥	AN	AN	AN
10P. Dieldrin (80-57-1)			×	¥.	AN	¥	W	AN	¥	¥	¥	ž	¥	NA	¥
11P. alpha-Endosulfan (115-29-7)			×	N.	AN	¥	NA	¥.	N	A	Ä	ž	NA	Y.	¥
12P. beta-Endosulfan (115-29-7)			×	ž	¥	¥	NA	AN	NA	¥		ž	NA.	¥.	W
195 Cadamillan C. Mata (1021 07 8)			×	NA NA	¥	¥	¥	ž	¥	A	NA.	¥	NA.	NA	N.

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					EPA I.D.	EPA I.D. NUMBER LAD980698799	D980698799						OUTFALL NUMBER		024
	2 a.	2 b.	2 c.				3. EFFLUENT				4. UNITS	ITS	6. IN	5. INTAKE (OPTIONAL)	
1. POLLUTANT	TESTING	BELIEVED	BELIEVED	a.MAXIMUM	I DAILY VALUE	b.MAXIMUM	B.MAXIMUM 30 DAY VALUE	C.LONG TERM AVERAGE	M AVERAGE	d. NO. OF	d	ō	a. LONG TERM AVERAGE VALUE	VERAGE VALUE	b. NO. OF
AND CAS NUMBER	REQUIRED	PRESENT	ABSENT	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	(1) CONC.	(2) MASS	ANALYSES	CONC.	MASS	(1) CONC.	(2) MASS	ANALYSES
14P. Endrin (72-20-8)			×	N.	¥	A	AN	A N	N	×	Ž	ž	ž	Y.	Ä
15P. Endrin Aldehyde (7421-93-4)			×	NA	NA NA	N.	NA	AN	V.	¥.	ž	ž	N	AN	¥.
16P. Heptachlor (76-44-8)			×	¥	Y.	X	NA	¥	¥	¥	ž	ž	Y.	¥	¥
17P. Heptachlor Epoxide (1024-57-3)			×	NA	AN	AN	AN	AN	AA	¥	ž	¥.	ž	NA	NA
18P. PCB-1242 (53469-21-9)			×	NA	AN	NA	NA	AN	AN	¥	ž	Y.	Y.	AN N	Y.
19P. PCB-1254 (11097-69-1)			×	Ä	AN	Y.	AA	AN	Ą	¥	¥	¥	2	¥	A
20P. PCB-1221 (11104-28-2)			×	AA	AN	¥	AN	AN	A	¥.	¥	¥	2	¥	A
21P. PCB-1232 (11141-16-5)			×	A	¥	AN	NA	AN	¥	¥	ž	NA.	A	NA.	A
22P, PCB-1248 (12672-29-6)			×	Y.	¥	¥	AN	¥	AN	¥	ž	¥.	¥	Y.	A
23P, PCB-1260 (11096-82-5)			×	¥	AN	A	AN	AN	¥	¥	ž	AN	¥	NA.	NA
24P. PCB-1016 (12674-11-2)			×	A	AN	A	AN	AN	A	¥ X	ž	NA.	¥	¥	A
25P. Toxaphene (8001-35-2)			×	AN	¥Z	NA.	AA	¥	¥	¥	ž	Y.	¥	¥	A
Other Parameters															
Chromium VI			×	X	X X	¥	ž	¥	×	ž	Ž	lbs/day	¥.	AN	¥

NOTES:

NA = Tasting not required; not applicable.
Historical analytical data is from January 1, 2011 through December 31, 2012. in addition, sampling event was conducted on January 17, 2013.

APPENDIX C EPA APPLICATION FORM 2F

EPA ID NUMBER (copy from Item 1 of Form 1

LAD980698799

Form Approved OMB No. 2040-0086 Approval expires 5-31-92

FORM 2 F

EPA

United States Environmental Protection Agency Washington, DC 20460

Application for Permit To Discharge Stormwater Discharges Associated with Industrial Activity

Paperwork Reduction Act Notice

Public reporting burden for this application is estimated to average 28.6 hours per application, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate, any other aspect of this collection of information, or suggestions for improving this form, including suggestions which may increase or reduce this burden to: Chief, Information Policy Branch, PM-223, U.S. Environmental Protection Agency, 401 M. St., SW, Washington, DC 20460, or Director, Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20503.

I. Outfall Location

A. Outfall Number (list)		B. Latitude	94. Tab		C. Longitud	e	D. Receiving Water (name)
001	28	. 53	06	90	01	30	Gulf of Mexico
005	29	07	06	90	12	38	Bayou Lafourche
012	29	28	19	90	15	12	Little Lake
018	29	09	25	90	10	37	Bayou Moreau
020	29	27	47	90	18	13	Breton Canal
021	29	27	03	90	16	03	LL&E Canal
025	29	27	03	90	16	13	LL&E Canal
026	29	26	52	90	16	03	Reservoir Canal
027	29	26	41	90	16	03	Reservoir Canal
028	29	27	05	90	16	12	LL&L Canal

II. Improvements

A. Are you now required by any Federal, State, or local authority to meet any implementation schedule for the construction, upgrading or operation of wastewater treatment equipment or practices or any other environmental programs which may affect the discharges described in this application? This includes, but is not limited to, permit conditions, administrative of enforcement orders, enforcement compliance schedule letters, stipulations, court orders, and grant or loan conditions.

Identification of Conditions, Agreements, Etc.	2. A	Affected Outfalls	3. Brief Description of Project	4. Final Compliance Date		
	number	source of discharge		a. req.	b. proj.	
NA						
	+				-	

B. You may attach additional sheets describing any additional water pollution (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

III. Site Drainage Map

Attach a site map showing topography (or indicating the outline of drainage areas served by the outfall(s) covered in the application if a topographic map is unavailable) depicting the facility including: each of its intake and discharge structures; the drainage area of each storm water outfall; paved areas and buildings within the drainage area of each storm water outfall, each known past or present areas used for outdoor storage or disposal of significant materials, each existing structural control measure to reduce pollutants in storm water runoff, materials loading and access areas, areas where pesticides, herbicides, soil conditioners and fertilizers are applied; each of its hazardous waste treatment, storage or disposal units (including each area not required to have a RCRA permit which is used for accumulating hazardous waste under 40 CFR 262.34), each well where fluids from the facility are injected underground; springs, and other surface water bodies which receive storm water discharges from the facility.

See Figures 2 through 13

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Continued from Page 1

IV. Narrative Description of Pollutant Sources

A. For each outfall, provide an estimate of the area (include units) of impervious surfaces (including paved areas and building roofs) drained to the outfall, and an estimate of the total surface area drained by the outfall.

	(provide units)	(provide units)	Outfall Number	Area of Impervious Surface (provide units)	Total Area Drained (provide units)	
001	2.0 acres	2.0 acres				
005	4.4 acres	13.5 acres				
012	0.65 acres	1.3 acres				
018	3.1 acres	9.5 acres				
020	0.004 acres	0.004 acres				
021	7.0 acres	21.2 acres				
025	7.0 acres	21.2 acres				
026	7.2 acres	21.8 acres				
027	7.2 acres	21.8 acres				
028	17.8 acres	53.9 acres				

B. Provide a narrative description of significant materials that are currently or in the past three years have been treated, stored or disposed in a manner to allow exposure to storm water, method of treatment, storage, or disposal; past and present materials management practices employed, in the last three years, to minimize contact by these materials with storm water runoff; materials loading and access areas; and the location, manner, and frequency in which pesticides, herbicides, soil conditioners, and fertilizers are applied.

See Section 2.1 of text.

For each outfall, provide the location and a description of existing structural and nonstructural control measures to reduce pollutants in storm water runoff; and a description of the treatment the storm water receives, including the schedule and type of maintenance for control and treatment measures and the ultimate disposal of any solid or fluid wastes other than by discharge.

Outfall Number	Treatment	List Codes from Table 2F-1
001, 005	See Section 2.1 of text.	1-H, 4-B
012, 018, 020, 021, 025, 026, 027, 028	See Section 2.1 of text.	4-A

V. Non-storm water Discharges

I certify under penalty of law that the outfall(s) covered by this application have been tested or evaluated for the presence of non-storm water discharges, and that all nonstorm water discharges from these outfall(s) are identified in either an accompanying Form 2C or Form 2E application for the outfall.

Name and Official Title (type or print)

CaSandra Cooper-Gates- Senior Vice President Administration

Date Signed

3/24/2013

B. Provide a description of the method used, the date of any testing, and the onsite drainage points that were directly observed during a test.

Best professional judgment, operator knowledge, and field observations were used to determine that non-storm water discharges which contribute to storm water outfalls are identified in Section 2.1 of text.

VI. Significant Leaks or Spills

Provide existing information regarding the history of significant leaks or spills of toxic or hazardous pollutants at the facility in the last three years, including the approximate date and location of the spill or leak, and the type and amount of material released.

See Table 4.

EPA ID Number (copy from Item 1 of Form 1) LAD980698799

Continued from Page 2

	e included on separate sheets numbered VII-1		ber in the space provided. Tables VII-A, VII-
manufacture as an intermediate of	y analysis - is any pollutant listed in Table 2F		of a substance which you currently use or
III. Biological Toxicity Testing	Data		
your discharge within the last 3 years	to believe that any biological test for acute or of s? 6 (list all such pollutants below)	chronic toxicity has been made on any of you NO (go to Section IX)	r discharges or on a receiving water in relation
ee Table 3.	filst all such politicans serony	I No (go to Section 24)	
Vere any of the analyses reported in Ite	on m VII performed by a contract laboratory or contract laboratory or contract laboratory or contract laboratory or firm be because by, each such laboratory or firm be	nber of, and pollutants NO (go to :	Section X)
/ere any of the analyses reported in Ite	em VII performed by a contract laboratory or co	nber of, and pollutants NO (go to :	Section X) D. Pollutants Analyzed
Vere any of the analyses reported in Ite YES A. Name	em VII performed by a contract laboratory or of (list the name, address, and telephone num nalyzed by, each such laboratory or firm be	nber of, and pollutants NO (go to selow)	
A. Name Analysis Laboratories, Inc.	cm VII performed by a contract laboratory or of (list the name, address, and telephone number laboratory or firm between the laboratory or firm between 1932 Lime Street	nber of, and pollutants NO (go to selow) C. Area Code & Phone No.	D. Pollutants Analyzed
A. Name nalysis Laboratories, Inc. -K Associates, LLC	m VII performed by a contract laboratory or of the laboratory or of the laboratory or firm be analyzed by, each such laboratory or firm be B. Address 2932 Lime Street Metairie, LA 70006 17170 Perkins Road	nber of, and pollutants NO (go to selow) C. Area Code & Phone No. (504) 889-0710	D. Pollutants Analyzed Form 2F Pollutants
A. Name A.	Rim VII performed by a contract laboratory or of clist the name, address, and telephone numbralyzed by, each such laboratory or firm be B. Address 2932 Lime Street Metairie, LA 70006 17170 Perkins Road Baton Rouge, LA 70810 this document and all attachments were versonnel properly gather and evaluate this directly responsible for gathering the verse. I am aware that there are significant.	C. Area Code & Phone No. (504) 889-0710 (225) 755-1000 prepared under my direction or supervithe information submitted. Based on me information, the information submitted	D. Pollutants Analyzed Form 2F Pollutants Toxicity Testing vision in accordance with a system by inquiry of the person or persons who dis, to the best of my knowledge and
A. Name Analysis Laboratories, Inc. C-K Associates, LLC C. Certification certify under penalty of law that a designed to assure that qualified phanage the system or those person	m VII performed by a contract laboratory or of (list the name, address, and telephone numbralyzed by, each such laboratory or firm be B. Address 2932 Lime Street Metairie, LA 70006 17170 Perkins Road Baton Rouge, LA 70810 this document and all attachments were personnel properly gather and evaluate this directly responsible for gathering the level. I am aware that there are significant ons.	C. Area Code & Phone No. (504) 889-0710 (225) 755-1000 prepared under my direction or supervithe information submitted. Based on me information, the information submitted	D. Pollutants Analyzed Form 2F Pollutants Toxicity Testing vision in accordance with a system by inquiry of the person or persons who dis, to the best of my knowledge and

Computer Reproduction EPA Form 3510-2F (Rev. 1-92)

Page 3 of 3

VII. Discharge Informat	tion (Con		OUTFALL 005					
Part A - You must provide the			one analysk	for eve	ry pollutant in this tal	ole. Complete one t	able for each o	utfall. See
Instructions for add	iltional deta							
Ì			m Values		_	o Values	1	
	(include units)				e units)	Number		
Pollutant and	1			Grab Sample Taken		of Storm Events		
CAS Number (if evailable)	Min		Flow-we Compo	-	During First 30 Minutes	Flow-weighted Composite	Sampled	Sources of Pollutants
- (# 575#55#5)	-		•			00.11400-10		
Oil and Conne	٠	mg/L ⁽¹⁾	l NA		<5.0 mg/L ²⁰	NA	8	NA.
Oil and Grease	\\5.0	myr	NA.	 -	\3.0 mg/L		-	
Biological Oxygen Demand			l		4.4			4.44.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4
(BOD _b)	9	mg/L	NA_		NA NA	NA .	1	Incidental to industrial activities.
Chemical Oxygen Demand								
(COD)	208	mg/L	NA.		NA NA	NA .	1	Incidental to industrial activities.
]					
Total Suspended Solids (TSS)	7	mg/L	NA.		NA NA	NA NA	1	Incidental to industrial activities.
	1		Ì			·	ŀ	
Total Kjeldahl Nitrogen	<1.3	mg/L	NA.		NA	NA.	1	NA
Nitrate plus Nitrite Nitrogen	<0.05	mg/L	. NA		NA.	NA.	1 1	NA
*								
Total Phosphorus	0.153	mg/L	l na		NA NA	NA NA	1 1	incidental to industrial activities.
			,,,,,,				1	
pH (standard units)	Minimum	6.6	Mandmum	8.3	NA	NA	8	NA
Part B - List each poliutant	that is limit	ed in an e	ffluent guide	eline wh	ich the facility is subj	ect to or any polluta	int listed in the	facility's NPDES
permit for its proces	ss wastewa	ter (if the	facility is op	perating	under an existing NPI	DES permit). Compi	lete one table f	or each outfail.
See the instructions	for additio			ements.				
			m Values		_	e Values	l]	
			le units)			e units)	Number	
Pollutant and	Grab Sam			:	Grab Sample Taken	Flow-weighted	of Storm Events	
CAS Number (if available)	During I Minu		Flow-we Compo	_	During First 30 Minutes	Composite	Sampled	Sources of Pollutants
(# dva#dDio)	HALL I				1733.1000		V	
J								
<u> </u>		-				•		
						_		
	<u> </u>		 					
	-		 	_		· ———	 	
1]						1	

⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

-	shown in Tables 2F-2, 2F-3, and	•	e reason to believe is	present. See the	instructions for		OUTFALL NUMBER 005	
andicional decate an	nd requirements. Complete on Maximum (include	Values	Average (include		Number			
- Pollutant and CAS Number (If available)	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Taken During First 30 Minutes	Flow-weighter Composite			Sources of Pollutants	
otal Organic Carbon (TOC)	28.9 mg/L ⁽¹⁾	NA	14.1 mg/L ²³	NA	8	<u>In</u>	icidental to industrial activities.	
	-							
-					+-+			
	storm event(s) which resulted			mposite sample.			·	
1. Date of Storm Event	2. Duration of Storm (in minutes)	3. Total rainfall during storm event (in inches)	Number of hours to beginning of storm re and end of pre- measurable rain	neasured Mar	5. dmum flow rate durin it (gallons/minute or units)		6. Total flow from rain event (gallon: or specify units)	
1/31/2013	NA.	0.79	NA		0.15 MGD		NA NA	
Provide a description of the	method of flow measurement o	or estimate.	<u> </u>	*				



Page VII-2

VII. Discharge Informat	tion (Con		OUTFALL 012					
Part A - You must provide to instructions for add			one analysi	s for eve	ry pollutant in this ta	ble. Complete one t	zble for each o	utfail. See
	2.4.2	(includ	m Values le units)		(includ	e Values e units)	Number	
Pollutant and CAS Number (if available)	During	Grab Sample Taken During First 30 Flow-weigh Minutes Composit			Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	of Storm Events Sampled	Sources of Poliutants
Oil and Grease	<5.0	mg/L ⁽¹⁾	NA.		<5.0 mg/L ⁽²⁾	NA	4	NA NA
Biological Oxygen Demand (BOD _s)	3	mg/L	NA.		NA .	NA .	1	incidental to industrial activities.
Chemical Oxygen Demand (COD)	50	mg/L	NA.		NA NA	NA	1	Incidental to industrial activities.
Total Suspended Solids (TSS)	21	mg/L	NA.		NA NA	NA NA	1	Incidental to industrial activities.
Total Kjeldahl Nitrogen	1.7	mg/L	NA.		NA NA	NA .	1	incidental to industrial activities.
Nitrate plus Nitrite Nitrogen	<0.05	5 mg/L	NA.		NA NA	NA NA	1	NA .
Total Phosphorus	0.143	3 mg/L	NA_		NA_	NA NA	1	Incidental to industrial activities.
pH (standard units)	Minimum	7.0	Maximum	8.6	NA .	NA .	4	NA
Part B - List each poliutant of permit for its process See the instructions	ss wastowa	ster (if the	facility is or	perating	ich the facility is subj under an existing NP			=
			m Values le <i>units)</i>		•	e values e units)	Number	
Pollutant and CAS Number (if available)		nple Taken First 30 rutes	Flow-we Compo		Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	of Storm Events Sampled	Sources of Pollutants
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		_				_		
	<u> </u>							
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⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

ontinued from the Front						OUTFALL NUMBER 012
	hown in Tables 2F-2, 2F-3, and	-	e reason to believe is	present. See the	instructions for	
additional details an	d requirements. Complete on Mandmum	Values	Average		Number	· ·
Pollutant and CAS Number	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	(include Grab Sample Taken During First 30 Minutes	Flow-weighter Composite	of Storm	Sources of Pollutants
tal Organic Carbon (TOC)	14.5 mg/L ⁽¹⁾	NA	10.9 mg/L ²³	NA NA	4	Incidental to industrial activities.
						·
					+ +	
-						
rf D - Provide data for the	storm event(s) which resulted	in the maximum values for	the flow-weighted cor	nposite sample.		
1	2	3.	4.		5.	_ 6.
Date of Storm Event	Duration of Storm (in minutes)	Total rainfall during storm event (in inches)	Number of hours beginning of storm re and end of prev measurable rain	neasured Mar rious ever	idmum flow rate during of (gallons/minute or sp units)	
1/17/2013	NA NA	0.34	NA.		0.01 MGD	NA.
Provide a description of the	method of flow measurement of	or estimate.				<u> </u>
ormerater runoff calculation u	ising the formulat Q=CIA					

Ty Maximum

VII. Discharge Informat	/II. Discharge Information (Continued from page 3 of Form 2F)									
Part A - You must provide the instructions for add		one analysis for ever	ry pollutant in this tab	de. Complete one tr	able for each or	utfail. See				
	(includ	m Valuea le units)	(include	Values o units)	Number					
Pollutant and CAS Number (if available)	Grab Sample Taker During First 30 Minutes	Flow-weighted Composite			of Storm Events Sampled	Sources of Pollutants				
Oil and Grease	<5.0 mg/L ⁽¹⁾	NA NA	<5.0 mg/L ²⁰	NA .	8	NA.				
Biological Oxygen Demand (BOD ₅)	<3 mg/L	NA.	NA .	NA	1	NA				
Chemical Oxygen Demand (COD)	19 mg/L	NA NA	NA	NA .	1_1_	Incidental to industrial activities.				
Total Suspended Solids (TSS)	4 mg/L	NA NA	NA NA	NA .	1	Incidental to industrial activities.				
Total Kjeldahl Nitrogen	<1.3 mg/L	NA	NA	NA	1	NA NA				
Nitrate plus Nitrite Nitrogen	<0.05 mg/L	NA .	NA	NA	1_1_	NA NA				
Total Phosphorus	0.140 mg/L	NA NA	NA	NA	,	Incidental to industrial activities.				
pH (standard units)	Minimum 6.8	Maximum 7.8	_ NA	NA .	8	NA NA				
•	ss wastewater (if the		under an existing NPI	DES permit). Compl						
_	1	m Values le units)		values e units)	Number					
Pollutant and CAS Number (if available)	Grab Sample Takes During First 30 Minutes	Flow-weighted Composite*	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	of Storm Events Sampled	Sources of Pollutants				
p ,										
						·				

⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

Continued from the Front							<u></u>	OUTFALL NUMBER 018
Part C - List each poliutant s additional details an	hown in Tables 2F-2, 2F-3, a d requirements. Complete		re reason to believe is	present. Se	se the in:	structions for		
	Maxim	am Values	Average	Values				
	(inclu	de units)	(include units)			Number		
Pollutant and CAS Number (If available)	Grab Sample Taken Durk First 30 Minutes	g Flow-weighted Composite			eighted osite	of Storm Events Sampled		Sources of Pollutents
Total Organic Carbon (TOC)	12.3 mg/L	NA NA	7.42 mg/L ^{t2} NA			8		ncidental to industrial activities.
								···
Part D - Provide data for the	storm event(s) which result	d in the maximum values for	the flow-weighted co	mposite sar	npte.			
1,	2.	3.	4.			5.		6.
Date of Storm Event	Duration of Storm (in minutes)	Total rainfall during storm event (in inches)	Number of hours beginning of storm and end of pre- measurable rain	measured vious		um flow rate du gallons/minute (units)		Total flow from rain event (gallons or specify units)
1/17/2013	NA NA	0.34	NA			0.04 MGD		NA .
7. Provide a description of the	method of flow measuremen	t or estimate.						
Stormwater runoff calculation us	sing the formulat Q=CIA.					-		

ily Maximum

			LAD980698	3799		Approval expires 5-	
VII. Discharge Informat	tion (Continued I	rom page 3 of Fo	m 2F)			OUTFALL 021	
Part A - You must provide the instructions for add		one analysis for eve	ry pollutant in this tai	ble. Complete one t	able for each outfa	di. See	
	Maxim	m Values	Averag	e Values			
	(inclu	de units)	(includ	e units)	Number		
Pollutant and	Grab Sample Take	n	Grab Sample Taken				
CAS Number	During First 30	Flow-weighted	During First 30	Flow-weighted	Events		
(if available)	Minutes	Composite	Minutes	Composite	Sampled	Sources of Pollutants	
Ni and Grease	<5.0 mg/L ⁽¹⁾	_NA	<5.0 mg/L ⁽²⁾	NA .	6	NA NA	
iological Oxygen Demand		1			1		
BOD _s)	<3 mg/t.	NA NA	NA NA	NA NA	1	NA NA	
hemical Oxygen Demand							
COD)	58 mg/L	NA	NA NA	. NA	1	Incidental to industrial activities.	
'atal Paranadad Palida (TSS)	404						
otal Suspended Solids (TSS)	48 mg/L	NA NA	NA	NA NA	1	incidental to industrial activities.	
otal Kjeldahl Nitrogen	<1.3 mg/L	NA NA	NA NA	NA.	,	NA NA	
Out Vysiacus Villa Oyeri	11.0 111,90	1.5.	101	160	 		
litrate plus Nitrite Nitrogen	<0.05 mg/L	NA NA	NA.	NA NA		NA.	
		1			 		
ctal Phosphorus	0.425 mg/L	NA	NA.	NA	1	incidental to industrial activities.	
H (standard units)	Minimum 6.3	Mandmum 8.1	NA NA	NA NA	6	NA NA	
art B - List each pollutant t permit for its proces See the instructions	s wastewater (If the for additional detail	facility is operating is and requirements.	under an existing NPI	DES permit). Compl		9	
		m Values	_	e Values	Number		
Pollutant and	Grab Sample Taker	de units) J	Grab Sample Taken	e units)	of Storm		
CAS Number	During First 30	Flow-weighted	During First 30	Flow-weighted	Events		
(if available)	Minutes	Composite*	Minutes	Composite	Sampled	Sources of Pollutants	
		<u> </u>	1				
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					 	·	
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⁽¹⁾ Maximum Daily

⁽²⁾ Long Term Average

Maximum Values Average Values (Include units) Number		hown in Tables 2F-2, 2F-3, and requirements. Complete on	=	e reason to believe is	present. See the	instructions for	OUTFALL NUMBER 021
CAS Number (if available) Grab Sample Taken During First 30 Minutes Flow-weighted Composite Number (if available) Flow-weighted Composite Number (composite Sampled Sources of Pollutarities Start D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample. 1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total flow from rain event (in minutes) Total flow from rain event (gallons/minute or specify units)		Maximum	Natues	-		Number	
art D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample. 1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measured and end of previous measurable rain event (gallons/minute or specify units) Date of Storm Event (in minutes) Total number of hours between and end of previous measurable rain event (gallons/minute or specify units)	CAS Number		Flow-weighted Composite	During First 30	_	Events	Sources of Pollutents
1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total rainfall during storm event (in minutes) Total rainfall during storm beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total flow from rain event (gallons/minute or specify units)	otal Organic Carbon (TOC)	9.60 mg/L ⁽¹⁾	NA NA	6.05 ту/L ⁽²⁾	NA	6	Incidental to industrial activities.
1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total rainfall during storm event (in minutes) Total rainfall during storm beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total flow from rain event (gallons/minute or specify units)							
1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Date of Storm Event (in minutes) Total rainfall during storm event (in measurable rain event (gallons/minute or specify units) Total flow from rain event (gallons/minute or specify units)					_		· · · · · · · · · · · · · · · · · · ·
1. 2. 3. 4. 5. 6. Number of hours between beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total rainfall during storm beginning of storm measured and end of previous measurable rain event (gallons/minute or specify units) Total flow from rain event (gallons/minute or specify units)						 	
Duration of Storm Date of Storm Event Date of Sto				the flow-weighted co	nposite sample.		
1/17/2013 NA 0.34 NA 0.10 MGD NA		Duration of Storm	Total rainfall during storm	beginning of storm n and end of prev	neasured Maxi lous event	mum flow rate during a	rain city Total flow from rain event (gallo
	1/17/2013	NA NA	0.34	NA 0.10 MGD		0.10 MGD	NA NA
Provide a description of the method of flow measurement or estimate.	Provide a description of the	method of flow measurement	or estimate.				·

			LADSOUGS	<u> </u>	<u> </u>	- Abhosa edites 9-31-6
VII. Discharge Informati	tion (Continued f	rom page 3 of Fo	rm 2F)		T	OUTFALL 025
Part A - You must provide to instructions for add		one analysis for eve	ery pollutant in this tai	ble. Complete one t	able for each out	fall. See
	Meximu	m Values	Average	e Values	T	
	(includ	le units)	(includ	le units)	Number	
Pollutant and	Grab Sample Taker	1	Grab Sample Taken		of Storm	
CAS Number	During First 30	Flow-weighted	During First 30	Flow-weighted	Events	
(if available)	Minutes	Composite	Minutes	Composite	Sampled	Sources of Pollutants
Oil and Grease	<5.0 mg/L ⁽¹⁾	NA NA	<5.0 mg/L ²⁵	NA NA	5	NA .
Biological Oxygen Demand						-
(BOD ₅)	NA NA	NA NA	NA .	NA NA	NA.	NA NA
Chemical Oxygen Demand	l	ļ	ļ			
(COD)	NA NA	NA NA	NA NA	NA .	NA	NA.
Total Suspended Solids (TSS)	. NA	l NA	NA NA	NA NA	NA	NA.
			1		 '\-	
Total Kjeldahl Nitrogen	NA.	NA NA	NA	NA	NA .	NA NA
Aliana Aliana Aliana					T	-
Nitrate plus Nitrite Nitrogen	NA	NA NA	NA .	NA NA	NA	NA
Total Phosphorus	NA	NA	NA	NA	NA	NA
pH (standard units)	Minimum 6.3	Maximum 8.1	NA NA	NA	5	NA NA
Part B - List each pollutant						
			under an existing NPI			•
	for additional detail		-			
	Maximu	m Values	Average	Values		
	(includ	le units)	(includ	e units)	Number	
Pollutant and	Grab Sample Taken		Grab Sample Taken		of Storm	
CAS Number	During First 30	Flow-weighted	During First 30	Flow-weighted	Events	
(if available)	Minutes	Composite*	Minutes	Composite	Sampled	Sources of Pollutants
»·						
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			 	<u> </u>		- · · · - - · · · · · · · · · · · · · ·
	<u> </u>	i			 	

⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

Continued from the Front					_		OUTFALL NUMBER 025
Part C - List each poliutant a			e reason to believe is	present. See t	he instructions for		
additional details an	nd requirements. Complete on						
	Maximum		Average				
	(include	units)	(include	units)	Number		
Pollutant and CAS Number (If evallable)	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite			of Storm veighted Events posite Sampled		Sources of Pollutants
Total Organic Carbon (TOC)	9.60 mg/L ⁽¹⁾	NA NA	5.62 mg/L ⁽²⁾	NA.	5		ncidental to industrial activities.
_							
		-)					
Part D - Provide data for the	storm event(s) which resulted	in the maximum values for	the flow-weighted co	mposite sample	0.		
1,	2.	3. ;	4.		5.		6.
Date of Storm Event	Duration of Storm (in minutes)	Total rainfall during storm event (in inches)			Maximum flow rate during rain event (gallons/minute or specify units)		Total flow from rain event (gallons or specify units)
NA .							
7. Provide a description of the	method of flow measurement	or estimate.					
NA .		. <u>-</u>	<u> </u>				

^{&#}x27; ily Maximum

ig Term Average

VII. Discharge Informat	tion (Continu	ed fron	n page 3	of Foi	m 2F)				OUTFALL 026	
Part A - You must provide the		least one	anziysiş	for ever	y poliutant in this	table.	. Complete one ta	ble for each o	utfall. See	
instructions for additional details. Maximum Values Average Values										
					1	-		l I		
		nclude u	nits)			-tude u	inits)	Number		
Pollutant and	Grab Sample		C 1		Grab Sample Tal	-	Classic series de la constante	of Storm		
CAS Number (if available)	During First Minutes	³⁰	Flow-wei Compo	_	During First 30 Minutes	۱	Flow-weighted Composite	Events Sampled	Sources of Pollutants	
(ii availabile)	MANITE LESS		Cumpo	5110	MILITARIA	4	Composite	Senipleu	Sources of Politizants	
Oil and Grease	<5.0 mg	љ ⁽¹⁾	NA		<5.0 mg/L	æ	NA	6	NA.	
Biological Oxygen Demand										
(BOD _s)	3 mg	<u>л</u>	NA		NA NA		NA	1	incidental to industrial activities.	
Chemical Oxygen Demand (COD)	34 mg	. [NA		NA NA		NA .	1	Souldental to industrial path these	
(COB)	34 mg	"-	NA _		i ites	\dashv	nes.	'	Incidental to industrial activities.	
Total Suspended Solids (TSS)	10 mg	<u>r</u>	NA_		NA NA		NA	1	Incidental to industrial activities.	
Total Kieldahl Nitrogen	<1.3 mg	,	NA		NA NA		NA .		NA.	
rota recent machen	~1.0 mg	'-	140		1 185	\dashv		 		
Nitrate plus Nitrite Nitrogen	<0.05 mg	/L	NA		NA NA		NA NA	1	NA	
Total Phosphorus	0.296 mg	, I	NA		NA NA	-	NA	1 1	incidental to industrial activities.	
					 					
pH (standard units)			eximum	8.3	NA NA		NA	6	NA .	
Part B - List each pollutant										
permit for its proces			-		under an existing	NPDE	S permit). Comple	ste one table f	or each outfall.	
See the instructions				ments.	, , , , , , , , , , , , , , , , , , , 					
			Im Values Average Values			Number				
I		nclude u	inus)		(include units) Grab Sample Taken					
Pollutant and CAS Number	Grab Sample 1 During First		Flow-wei	abtad	During First 30	-	Flow-weighted	of Storm Events		
(if available)	Minutes	~	Compo	_	Minutes	"	Composite	Sampled	Sources of Pollutants	
			.				.			
<u> </u>		_				\dashv	-			
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				_						
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⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

1 C - List each pollutant show additional details and n	equirements. Complete one	•	e reason to believe I					
				a braselic d	ee me m	structions for		
	Maximum (include	Values		e Values le units)		Number		
Pollutant and CAS Number (# available)	Grab Sample Taken During First 30 Minutes	Flow-weighted Composite	Grab Sample Take During First 30 Minutes	Flow-w Comp	_	of Storm		Sources of Pollutants
el Organic Carbon (TOC)	24.2 mg/L ⁽¹⁾	NA NA	14.0 mg/L ²²	NA.		6	In	cidental to industrial activities.
		:						
		6						
t D - Provide data for the sto	rm event(s) which resulted	In the maximum values for	the flow-weighted o	omposite sa	ımple.		-	
1.	2.	3.	4.			5.		8.
Date of Storm Event	Duration of Storm (in minutes)	Total rainfall during storm event (in inches)	Number of hour beginning of stom and end of pr measurable ra	measured evious				Total flow from rain event (gallo or specify units)
1/17/2013	NA	0.34	NA 0.10 MGD				NA	
Provide a description of the me	thod of flow measurement of	r estimate.			• • • • •			



VII. Discharge Informa	tion (Continued	from page 3 of Fo	rm 2F)			OUTFALL 028
Part A - You must provide to	he results of at leas	t one analysis for eve	ry pollutant in this ta	ble. Complete one t	able for each o	
Instructions for add	ditional details.					
	Махіл	rum Values	Averag	e Values		
l .		rde units)		le units)	Number	
Pollutant and	Grab Sample Take		Grab Sample Taker		of Storm	
CAS Number	During First 30	Flow-weighted	During First 30	Flow-weighted	Events	
- (if available)	Minutes	Composite	Minutes	Composite	Sampled	Sources of Pollutants
	_	.	_			
Oil and Grease	<5.0 mg/L ⁽¹⁾	NA NA	<5.0 mg/L ⁽²⁾	NA NA	3	NA
Biological Oxygen Demand		1	l		1	
(BOD ₈)	3 mg/L	NA NA	NA NA	NA NA	1	Incidental to industrial activities.
Chemical Oxygen Demand						
(COD)	60 mg/L	NA NA	NA NA	NA	1 1	Incidental to industrial activities.
1					1	-
Total Suspended Solids (TSS)	3 mg/L	NA .	NA	NA NA	1 1	Incidental to Industrial activities.
·						
Total Kjeldahl Nitrogen	<1.3 mg/L	NA NA	NA NA	NA NA	1 1	NA.
Nitrate plus Nitrite Nitrogen	<0.05 mg/L	l na	l NA	l NA	1 1	NA NA
			† · · · · · · · · · · · · · · · · · · ·		†	
Total Phosphorus	0.126 mg/L	l NA	NA NA	l na	1 1	Incidental to industrial activities.
······································		1		† · · · · · · · · · · · · · · · · · · ·	1	
pH (standard units)	Minimum 6.9	Maximum 6.9	NA NA	NA NA	3	NA.
Part B - List each poliutant	that is limited in an	effluent guideline wh	ich the facility is subj	ect to or any polluta	nt listed in the	facility's NPDES
		e facility is operating		DES permit). Compl	lete one table f	or each outfail.
See the instructions	for additional deta	ils and requirements.				
		um Values	Averag	e Values		
Ī		de units)		e units)	Number	
Pollutant and	Grab Sample Take	1	Grab Sample Taken	1	of Storm	
CAS Number (if available)	During First 30 Minutes	Flow-weighted Composite*	During First 30 Minutes	Flow-weighted	Events	Courses of Ball dants
(ii avanabio)	minutes	Composite	Murules	Composite	Sampled	Sources of Pollutants
Jua						
				·		
	 	 	 		 	
	1				J I	

⁽¹⁾ Daily Maximum

⁽²⁾ Long Term Average

tel Organic Carbon (TOC) 20.4 mg/L ⁽¹⁾ NA 17.4 mg/L ⁽²⁾ NA 3 incidental to industrial a int D - Provide data for the storm event(s) which resulted in the maximum values for the flow-evelghted composite sample. 1. 2. 3. 4. 5. 6. Number of hours between	R 028	OUTFALL NUMBER		structions for	ice the In	present 8	believe is	reason to	2F-4 that you know or have	2F-3, and 2	Tables 2F-2.	om the Front - List each poliutant st		
Composition														
Pollutant and CAS Number (First 30 Minutes Flow-weighted Composite Flow-weighted Composite Sample Taken During First 30 Minutes Sampled Sources of Pollutated Organic Carbon (TOC) 20.4 mg/L ⁽¹⁾ NA 17.4 mg/L ⁽²⁾ NA 3 incidental to industrial a series of Pollutated Organic Carbon (TOC) 17.4 mg/L ⁽²⁾ 18.4 Sources of Pollutated Organic Carbon (TOC) 19.4 mg/L ⁽³⁾ 19.4 mg/L ⁽³⁾ 19.4 mg/L ⁽³⁾ 19.5 maximum event(s) which resulted in the maximum values for the flow-weighted composite sample. 1. 2. 3. 4. 5. 6. Number of hours between				_			-							
CAS Number (Faveliable) Grab Sample Taken During First 30 Minutes Flow-weighted Composite Flow-weighted Composite Sampled Sources of Pollutated Organic Carbon (TOC) 20.4 mg/L ⁽¹⁾ NA 17.4 mg/L ⁽²⁾ NA 3 incidental to industrial and incidental and in				Number		units)			units)	(include u				
art D - Provide data for the storm event(s) which resulted in the maximum values for the flow-weighted composite sample. 1. 2. 3. 4. 5. 6. Number of hours between	ants	Sources of Pollutants		Events	- 1	Flow-weighted		During	Flow-weighted Composite			CAS Number	CAS Number	
1. 2. 3. 4. 5. 6. Number of hours between	ctivities.	ncidental to industrial activ	tn	3		NA	mg/L ⁽²⁾	17.4	20.4 mg/L ⁽¹⁾ NA		anic Carbon (TOC)	tad Org		
1. 2. 3. 4. 5. 6. Number of hours between														
1. 2. 3. 4. 5. 6. Number of hours between		 			mple.	nposite se	lighted con	the flow-en	n the maximum values for	resulted in	ent(s) which	Provide data for the s	rt D	
[6.		5.			4.							
Duration of Storm event (in and end of previous event (gallons/minute or specify Total flow from rain		Total flow from rain ev		Maximum flow rate du event (gallons/minute d		reasured lous	of storm m and of previ	beginning and c		om e		of Storm Event	Dar	
1/17/2013 NA 0.34 NA 0.25 MGD NA		NA		0.25 MGD	NA 0.25		0.34		NA	1/17/2013				
Provide a description of the method of flow measurement or estimate.		<u></u>							r estimate.	rement or	of flow meas:	e a description of the n	Provi	
rmwater runoff calculation using the formulat Q=CIA.				-										

/' ity Maximum

.g Term Average

APPENDIX D SIGNATORY REQUIREMENTS

APPENDIX D

SIGNATORY REQUIREMENTS

Pursuant to the Water Quality Regulations at LAC 33:IX.2503), the state permit application must be signed by a responsible individual as described and that person shall make the following certification:

"I certify that under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

Signature: <u>Ca Fraha Carper Galler</u>

Title: Senior Vice President Administration

Date: 3/24/2013

Telephone: ____(985) 276-6282

APPENDIX E

RESPONSES TO ENVIRONMENTAL IMPACT QUESTIONNAIRE

APPENDIX E

RESPONSES TO ENVIRONMENTAL IMPACT QUESTIONNAIRE

In accordance with LAC 33:IX.303.F1-5, LOOP provides the following responses.

1.0 LAC 33:IX.303.F.1.

"Have the potential and real adverse environmental effects of the proposed facility been avoided to the maximum extent possible?"

Yes. The real adverse environmental effects of the existing facility are minimal. The potential adverse environmental effects of the operation of the facility will be minimized by structural controls, treatment technologies, and operating procedures which are designed to reduce environmental impacts to the maximum extent possible. Structural controls, such as dikes, berms, and drainage systems, and by adherence to stringent engineered safeguards allows the facility to operate in a manner where pollutants in wastewater are minimized and removed and unplanned releases of significant materials are avoided to the maximum extent possible.

At the LOOP Deepwater Port Complex, wastewater is collected and treated to ensure that the quantity of pollutants is minimized and that discharges are in compliance with permitted levels. The LOOP Deepwater Port Complex operates under a LPDES wastewater discharge permit which was issued by the DEQ. The LPDES permit authorizes and regulates the quality and quantity of pollutants in the wastewater that is allowed to be discharged from the facility in accordance with state water quality standards. The LOOP Deepwater Port Complex is committed to full compliance with the LPDES permit and has an excellent compliance record. All wastewater is monitored in accordance with the LPDES permit and discharged to receiving waters where it has not been demonstrated that any environmental impacts to water quality have occurred. The facility's wastewater discharges have not caused degradation of the water quality or impairment of the existing and designated uses of the water body. The LOOP Deepwater Port Complex has developed and implemented rigorous operating procedures, such as routine inspections, preventive maintenance, and training programs which minimize the potential for permit exceedances or unplanned releases.

As requested in Section 4.0, permit changes will not impact the environment because each requested permit change is allowed for in the state water quality regulations which were developed and implemented by the DEQ to protect the environment and to ensure that water quality is not impacted. Other permit changes will have no impact on wastewater discharges because they affect only the permitting and reporting requirements. Therefore, in as much as this question applies to existing facilities, all potential and real environmental effects from the operation of the facility and discharge of wastewater have been avoided to the maximum extent possible.

2.0 LAC 33: IX.303.F.2

"Does a cost benefit analysis of the environmental impact costs balanced against the social and economic benefits of the proposed facility demonstrate that the latter outweighs the former?"

Yes. The social and economic benefits of the facility greatly outweigh the potential and real environmental impacts. As previously stated, the LOOP Deepwater Port Complex employs structural controls, treatment technologies, and operating procedures so that environmental impacts are minimized to the maximum extent possible. The LOOP Deepwater Port Complex operates an offshore petroleum offloading terminal and onshore pipeline and storage facilities for the transportation of crude oil. Crude oil has a high demand by energy companies. Energy consumption in the world continues to increase which causes a market demand for crude oil. No specific or formal cost benefit analysis is warranted from the operation of the facility or the discharge of wastewater because adverse environmental effects have been minimized to the maximum extent possible.

The LOOP Deepwater Port Complex is located in Lafourche Parish on industrially-developed property which is consistent with the intended land use. The LOOP Deepwater Port Complex is a major contributor in the area in terms of employment and personal income for local residents. The LOOP Deepwater Port Complex also provides significant tax revenues and fees to Lafourche Parish and the State of Louisiana. It is obvious that the LOOP Deepwater Port Complex provides social and economic benefits that far outweigh the potential and real environmental impacts from the operation of the facility and the discharge of wastewater.

As requested in Section 4.0, permit changes will not impact the environment because each requested permit change is allowed for in the state water quality regulations which were developed and implemented by the DEQ to protect the environment and to ensure that water quality is not impacted. Other permit changes will have no impact on wastewater discharges because they affect only the permitting and reporting requirements.

3.0 LAC 33:IX.303.F.3

"Are there alternative projects which would offer more protection to the environment than the proposed facility without unduly curtailing non-environmental benefits?"

No. In as much as this question applies to existing facilities and adverse environmental effects have been minimized to the maximum extent possible, there are no alternative projects which would offer more protection to the environment. As previously stated, the LOOP Deepwater Port Complex employs structural controls, treatment technologies, and operating procedures so that environmental impacts are minimized to the maximum extent possible.

The LOOP Deepwater Port Complex operates all pollution control facilities in accordance with a level of technology necessary to comply with the permitted levels. The LOOP Deepwater Port Complex is committed to full compliance with the LPDES permit and has an excellent compliance record. Since the discharge of wastewater to receiving waters has not caused degradation of the water quality or impairment of the existing uses of the water body, no alternatives to the present system are necessary. Alternative wastewater handling and disposal methods are not economically feasible or warranted. Therefore, consideration of alternative projects is not considered appropriate or necessary since this is an existing facility and environmental impacts have been minimized to the maximum extent possible.

As requested in Section 4.0, permit changes will not impact the environment because each requested permit change is allowed for in the state water quality regulations which were developed and implemented by the DEQ to protect the environment and to ensure that water quality is not impacted. Other permit changes will have no impact on wastewater discharges because they affect only the permitting and reporting requirements.

4.0 LAC 33:IX.303.F.4

"Are there any alternative sites which would offer more protection to the environment than the proposed facility site without unduly curtailing non-environmental benefits?"

No. In as much as this question applies to existing facilities and adverse environmental effects have been minimized to the maximum extent possible, there are no alternative sites which would offer more protection to the environment. As previously stated, the LOOP Deepwater Port Complex employs structural controls, treatment technologies, and operating procedures so that environmental impacts are minimized to the maximum extent possible.

The LOOP Deepwater Port Complex operates all pollution control facilities in accordance with a level of technology necessary to comply with the permitted levels. The LOOP Deepwater Port Complex is committed to full compliance with the LPDES permit and has an excellent compliance record. Since the discharge of wastewater to receiving waters has not caused degradation of the water quality or impairment of the existing uses of the water body, no alternative sites to the present site are necessary. Alternative sites are not economically feasible or warranted because existing infrastructure and structural controls are already in place and relocation of the site would only serve to create new and larger environmental impacts. Therefore, consideration of alternative sites is not considered appropriate or necessary since this is an existing facility and environmental impacts have been minimized to the maximum extent possible.

As requested in Section 4.0, permit changes will not impact the environment because each requested permit change is allowed for in the state water quality regulations which were developed and implemented by the DEQ to protect the environment and to ensure that water quality is not impacted. Other permit changes will have no impact on wastewater discharges because they affect only the permitting and reporting

requirements.

5.0 LAC 33:IX.303.F.5

"Are there mitigating measures which would offer more protection to the environment than the facility as proposed without unduly curtailing non-environmental benefits?"

No. There are no mitigating measures which offer more protection to the environment. As previously stated, the LOOP Deepwater Port Complex employs structural controls, treatment technologies, and operating procedures so that environmental impacts are minimized to the maximum extent possible.

The LOOP Deepwater Port Complex operates all pollution control facilities in accordance with a level of technology necessary to comply with the permitted levels. The LOOP Deepwater Port Complex is committed to full compliance with the LPDES permit and has an excellent compliance record. Since the discharge of wastewater to receiving waters has not caused degradation of the water quality or impairment of the existing uses of the water body, no mitigating measures to the present system are necessary. The LOOP Deepwater Port Complex already conducts routine inspections, preventive maintenance, and training programs as effective mitigating measures. Therefore, consideration of additional mitigating measures is not necessary since this is an existing facility and environmental impacts have been minimized to the maximum extent possible.

As requested in Section 4.0, permit changes will not impact the environment because each requested permit change is allowed for in the state water quality regulations which were developed and implemented by the DEQ to protect the environment and to ensure that water quality is not impacted. Other permit changes will have no impact on wastewater discharges because they affect only the permitting and reporting requirements.

APPENDIX F LAC 33.I.1701 REQUIREMENTS

APPENDIX F

LAC 33.I.1701 REQUIREMENTS

of a sim requirem a contro environm	the company or owner have federal or state environmental perillar nature to, the permit for which you are applying in other to all individuals, partnerships, corporations, or other than the state of 50% or more in your company, or who nental management of the facility for an entity applying for p interest in the permit.)	ther states? (The er entities who ow participate in th
	Permits in Louisiana. List Permit Numbers:	
	Permits in other states (list states):	
\boxtimes	No other environmental permits.	
B. Do yo	ou owe any outstanding fees or final penalties to the Department	?□ Yes ⊠ No
If yes, plo	ease explain	
C. Is you	ir company a corporation or Limited Liability Company?	⊠ Yes □No
If yes, is	the corporation or LLC registered with the Secretary of State?	⊠ Yes □ No